



National Weather Service

Storm Data and Unusual Weather Phenomena



June 2000

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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IOWA, Northeast

Howard County Countywide

01	0000CST 0200CST				0	0	300K	125K	Flash Flood
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Mitchell County Countywide

01	0000CST 0200CST				0	0	65K	75K	Flash Flood
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Thunderstorms dropped 3 to 6 inches of rain during the night of May 31 into the early morning hours of June 1, with the heaviest amounts near the Minnesota/Iowa border. Law enforcement officials reported damage to several roads and bridges in St. Ansgar and Osage (Mitchell County) as well as the Lime Springs and Cresco areas (Howard County).

Winneshiek County Countywide

01	0020CST 0500CST				0	0	75K	55K	Flash Flood
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Allamakee County Countywide

01	0040CST 0900CST				0	0	125K	100K	Flash Flood
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Thunderstorms dumped heavy rain during the night of May 31 into the morning hours of June 1. Rainfall totals of 3 to 6 inches were common, with highest amounts near the Minnesota/Iowa border. Flash flooding caused mudslides near New Albin (Allamakee County) and forced the evacuation of campers near Kendallville (Winneshiek County). One person was rescued from their vehicle after attempting to cross a flooded road near Kendallville.

IAZ010>011

Winneshiek - Allamakee

01 04	0030CST 2000CST				0	0	45K	140K	Flood
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The Upper Iowa River rose quickly after flooding rains fell across northeast Iowa. The river crested at 17.53 feet, more than 3 feet above flood stage, at Dorchester (Allamakee County). Residents in Kendallville, Bluffton and Decorah (Winneshiek County) sandbagged for several hours to protect homes and businesses from the rising water. Several acres of farmland along the river was covered by flood waters, which resulted in a total loss of crops.

IAZ008-018

Mitchell - Floyd

02 03	1000CST 2100CST				0	0	55K	90K	Flood
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The Cedar River rose steadily due to flooding rains across southeast Minnesota and northeast Iowa. At Charles City (Floyd County), the river crested at 13.74 feet, nearly 2 feet above flood stage. Lowlands and agricultural land near the river suffered extensive flooding, which caused several acres of crops to be lost.

Fayette County Alpha

13	1410CST				0	0			Thunderstorm Wind (G52)
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Chickasaw County

1 N Fredricksburg to
1 NE Fredricksburg

13	1415CST 1420CST	0.5	50		0	0	15K		Tornado (F0)
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Winneshiek County

Decorah

13	1445CST				0	0	50K		Thunderstorm Wind (G61)
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Allamakee County

Postville

13	1450CST				0	0	2.5K		Thunderstorm Wind (G55)
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Clayton County

10 W Monona

13	1450CST				0	0	1.5K		Thunderstorm Wind (G55)
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Estimated wind gusts of 70 mph blew the roof off a dairy facility in Decorah (Winneshiek County), while several trees were also blown down elsewhere across northeast Iowa. A tornado touched down briefly near Fredricksburg (Chickasaw County), destroying an outbuilding and uprooting several large trees.



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					Killed	Injured	Property	Crops	

IOWA, Northeast

Floyd County

Countywide	13 14	1930CST 0300CST			0	0	50K	75K	Flood
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Chickasaw County

Countywide	13 14	2100CST 0300CST			0	0	60K	80K	Flood
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Howard County

Countywide	13 14	2100CST 0300CST			0	0	70K	90K	Flood
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3 to 5 inches of rain caused flooding problems across northeast Iowa. Law enforcement officials reported several basements were flooded, with sandbagging efforts in New Hampton (Chickasaw County) and Protovin (Howard County). Two county roads were washed out in Floyd County.

Floyd County

Charles City	15	1900CST			0	0			Hail (0.75)
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Winneshiek County

Calmar	15	1946CST			0	0	3K		Thunderstorm Wind (G55)
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Winneshiek County

Decorah	15	1946CST			0	0	2K		Thunderstorm Wind (G61)
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Chickasaw County

Chickasaw	15	2003CST			0	0			Hail (0.75)
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Allamakee County

Volney	15	2025CST			0	0	7.5K		Thunderstorm Wind (G55)
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Winneshiek County

Festina	15	2035CST			0	0	4.5K	8K	Hail (0.88)
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Winneshiek County

Ossian	15	2048CST			0	0			Hail (0.75)
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Spotters and law enforcement officials estimated wind gusts as high as 70 mph, which blew down trees and power lines. Hail the size of dimes and nickels was also reported.

Floyd County

3 E Charles City	23	0900CST			0	0	4K	8K	Hail (1.00)
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Floyd County

Charles City Arpt	23	0908CST			0	0	2.5K		Hail (0.75)
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MINNESOTA, Southeast

Mower County

Countywide	01	0000CST 1900CST			0	0	1.3M	400K	Flood
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Fillmore County

Countywide	01	0116CST 1900CST			0	0	1.8M	500K	Flood
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Houston County

Countywide	01	0355CST 1900CST			0	0	1.2M	300K	Flood
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3 to 6 inches of rain fell during the night of May 31 into the morning hours of June 1, causing widespread flash flooding. Hardest hit was Spring Valley (Fillmore County), where residents of 25 homes had to be evacuated and people in 3 homes were rescued by boat. The flood was the worst in Spring Valley since 1942. Near Eitzen (Houston County), flood waters washed out a 20 foot wide, 15 foot deep section of county highway 27. Between Dexter and Austin (Mower County), Interstate 90 had to be temporarily closed due to 2 to 3 feet of water across the road. Total property damage was estimated at 4.3 million dollars, with an additional estimate of 1.2 million dollars in damage to crops. As a result, Mower, Fillmore and Houston County were declared federal disaster areas



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MINNESOTA, Southeast

Dodge County Countywide	01	0225CST 0400CST			0	0	12K	Urban/Sml Stream Fld
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Olmsted County Countywide	01	0225CST 0700CST			0	0	10K	Urban/Sml Stream Fld
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2 to 4 inches of rainfall in 2 to 3 hours caused flooding of city streets in Stewartville (Olmsted County)

MNZ095>096		Fillmore - Houston						
	01	1100CST			0	0	50K	75K Flood
	07	1400CST						

Flooding rains across southeast Minnesota caused the Root River to rise to unprecedented levels. In fact, a record crest of 52.2 feet was recorded at Hokah (Houston County) on June 2. Due to the high water, levees along the river broke, which forced the evacuation of two families near Hokah and Houston (Houston County). Farmland along the river was underwater for several days, resulting in a total loss of crops.

Winona County 6 S Winona	01	1257CST			0	0	7K	Hail (0.88)
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Fillmore County 1.5 E Preston	01	1302CST			0	0	5K	Hail (0.75)
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Houston County 6 NW Caledonia	01	1415CST			0	0	0.25K	Thunderstorm Wind (G55)
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Trees were knocked down as winds gusted to nearly 65 mph and dime to nickel size hail was reported

Winona County 1 E St Charles	01	1400CST 1530CST			0	0	8K	15K Flash Flood
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2 to 3 inches of rainfall in less than an hour caused localized flash flooding. Law enforcement officials reported a county road near St. Charles washed out.

Fillmore County Mabel	01	2130CST			0	0	18K	Lightning
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Nine cows were killed instantly when lightning struck the tree they were standing under

Dodge County Mantorville	10	1435CST			0	0	2.5K	Hail (0.75)
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Dodge County Mantorville	10	1445CST			0	0	0.75K	Thunderstorm Wind (G61)
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Wabasha County 2 S Zumbro Falls	10	1459CST			0	0		Thunderstorm Wind (G52)
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Wabasha County Wabasha	10	1540CST			0	0	0.50K	Thunderstorm Wind (G55)
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Spotters and law enforcement officials reported 60 to 70 mph winds, which uprooted trees and blew down large branches.

Fillmore County Highland	13	1505CST			0	0	10K	Thunderstorm Wind (G65)
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Fillmore County Whalan	13	1505CST			0	0	15K	Thunderstorm Wind (G65)
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Houston County Spring Grove	13	1520CST			0	0		Thunderstorm Wind (G52)
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Winona County Lewiston	13	1520CST			0	0	5K	Thunderstorm Wind (G55)
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MINNESOTA, Southeast

Spotters and law enforcement officials estimated wind gusts as high as 75 mph, which knocked down power lines and trees.

Fillmore County

Spring Vly

13	2300CST	0	0	35K	20K	Flood
14	0300CST					

3 to 5 inches of rain flooded city streets in Spring Valley and prompted sandbagging to protect area businesses and homes along Spring Valley Creek. In addition, Highway 61 had to be closed for several hours as water 2 to 3 feet deep covered the road.

Olmsted County

Countywide

20	0812CST	0	0	4K		Urban/Sml Stream Fld
	1000CST					

Winona County

Countywide

20	0950CST	0	0			Urban/Sml Stream Fld
	1100CST					

1 to 2 inches of rain in less than two hours caused localized flooding of fields, small streams and nearby roads. In fact, law enforcement officials reported county highway 6 (Olmsted County) had to be closed due to 3 feet of water over the road.

Fillmore County

Etna

23	1345CST	0	0		5K	Hail (0.88)
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WISCONSIN, Southwest

Crawford County

Countywide

01	0000CST	0	0	1M	200K	Flood
	1900CST					

Grant County

Countywide

01	0000CST	0	0	1.2M	1.6M	Flood
	0500CST					

Richland County

Countywide

01	0000CST	0	0	400K	140K	Flood
	1900CST					

Vernon County

Countywide

01	0000CST	0	0	3.5M	500K	Flood
	1900CST					

Thunderstorms produced excessive rainfall across southwest Wisconsin during the night of May 31 into the morning hours of June 1. Amounts of 3 to 6 inches were common with localized amounts of over 7 inches. In fact, an observer in Victory (Vernon County) recorded 7.25 inches of rain in three hours, breaking the previous three-hour record of 6.29 inches set in Fennimore (Grant County) on August 5, 1951. Numerous roads were closed due to high water and one vehicle was swept away in Muscoda (Grant County) when the driver attempted to cross about one foot of moving water. Property damage estimates totaled around 6 million dollars, with crop damage estimated at 2.4 million dollars. This resulted in Vernon, Crawford, Richland and Grant counties being declared federal disaster areas.

WIZ054

Crawford

01	0200CST	0	0	40K	30K	Flood
08	1400CST					

The Kickapoo River remained near or above flood stage for several days after flooding rains hit southwest Wisconsin. At Steuben, the river crested nearly 2 feet above flood stage at 13.99 feet. Several people in Soldiers Grove had to be evacuated due to the rising flood waters. Residents in Gays Mills and Steuben sandbagged for several hours to protect homes and businesses.

Jackson County

Merrillan

01	1348CST	0	0			Thunderstorm Wind (G50)
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<u>WISCONSIN, Southwest</u>									
Monroe County 3 SW Cataract to 3 SE Cataract	01	1402CST 1411CST	4.5	125	0	0	100K	15K	Tornado (F1)
Monroe County Tunnel City	01	1430CST			0	0		2.5K	Hail (0.75)
Monroe County Tunnel City	01	1432CST			0	0			Thunderstorm Wind (G50)
Monroe County Tomah	01	1443CST			0	0			Thunderstorm Wind (G52)
Monroe County 4 SE Oakdale	01	1450CST			0	0	250K	50K	Hail (4.50)
Monroe County Oakdale	01	1450CST			0	0	200K	25K	Thunderstorm Wind (G85)
Juneau County 3 E Camp Douglas	01	1459CST			0	0	75K		Thunderstorm Wind (G87)
Juneau County 2 N New Lisbon to 4 N Mauston	01	1500CST 1520CST	6.5	100	0	0	500K	50K	Tornado (F1)
Juneau County (Vok)Volk Aaf Camp D	01	1503CST			0	0	30K		Hail (2.00)
Juneau County (Vok)Volk Aaf Camp D	01	1503CST			0	0	50K		Thunderstorm Wind (G82) ^M
Juneau County New Lisbon	01	1507CST			0	0	50K	25K	Thunderstorm Wind (G78)
Juneau County 2 E Camp Douglas	01	1515CST			0	0	175K		Thunderstorm Wind (G87)
Juneau County Mauston	01	1515CST			0	0	20K	25K	Hail (1.00)
Juneau County 7 N Mauston	01	1515CST			0	0	100K	40K	Thunderstorm Wind (G85)
Juneau County 7 E Camp Douglas	01	1518CST			0	0	30K	25K	Hail (1.75)
Juneau County 7 E Camp Douglas	01	1518CST			0	0	60K	30K	Thunderstorm Wind (G87)
Adams County Countywide	01	1520CST 1550CST			0	0	250K	50K	Thunderstorm Wind (G85)
Vernon County 4 SW Hillsboro	01	1529CST			0	0	3.5K		Thunderstorm Wind (G55)
Juneau County 2 N Mauston	01	1530CST			0	0	15K	15K	Hail (1.75)
Vernon County 5 S Hillsboro	01	1532CST			0	0	1K		Thunderstorm Wind (G55)
Richland County 1 W Cazenovia	01	1539CST			0	0	5K		Thunderstorm Wind (G55)
Richland County Cazenovia	01	1540CST			0	0	0.80K		Thunderstorm Wind (G52)
Adams County 2 E Plainville	01	1543CST			0	0			Hail (1.00)



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WISCONSIN, Southwest

Grant County

Dickeyville

01 1650CST 0 0 Hail (0.75)

A tornado touched down near Cataract (Monroe County), shearing off trees, demolishing barns and sheds, causing light structural damage to a house and tossing farm equipment and debris about 600 to 700 yards. There were no reports of injuries or deaths. This same thunderstorm produced hail as large as softballs through the Oakdale area (Monroe County) and communities southeast along the Highway 12 - Interstate 90/94 corridor. There was extensive roof, siding and window damage in and around Oakdale. Nearly every building in town had damage on the north and west facing walls. Hundreds of cars, including those traveling along Interstate 90/94, had broken windshields and sustained large dents. There were numerous trees and large branches broke or blown to the southeast. Another tornado touched down just north of New Lisbon (Juneau County), then tracked southeast before lifting just north of Mauston (Juneau County). Damage consisted of sheared or blown down trees, barns and sheds demolished, garages heavily damaged, and some light structural damage to homes. Hardest hit were homes and farms along 8th Avenue north of New Lisbon, along Meredith Road north of Mauston, and along Highway 58 north of Mauston. There were no reports of injuries or deaths. There was also downburst (microburst) wind damage south and west of New Lisbon along Highway 80 and County Roads B and A. Downburst wind damage was also seen along Interstate 90/94 between Camp Douglas and New Lisbon with hundreds of trees blown down or sheared off. Juneau and Monroe County were declared federal disaster areas due to the extensive storm damage.

Trempealeau County

South Portion

01 1430CST
1545CST 0 0 25K 12K Flash Flood

Jackson County

Southwest Portion

01 1445CST
1600CST 0 0 116K 35K Flash Flood

Localized flash flooding occurred as 2 to 3 inches of rain fell in less than two hours. Law enforcement officials reported a few county roads near North Bend (Jackson County) were washed out.

Buffalo County

5 E Mondovi

10 1610CST 0 0 1K Thunderstorm Wind (G55)

Trempealeau County

Eleva

10 1620CST 0 0 1.5K Thunderstorm Wind (G55)

Jackson County

Hatfield

10 1720CST 0 0 25K Thunderstorm Wind (G55)

Jackson County

Black River Falls

10 1750CST 0 0 Thunderstorm Wind (G52)

Law enforcement officials reported wind gusts of 60 to 65 mph, which knocked down large trees and damaged recreational vehicles at a campground near Hatfield.

Crawford County

Ferryville

13 1540CST 0 0 3.5K Thunderstorm Wind (G52)

La Crosse County

La Crosse

13 1540CST 0 0 8K Thunderstorm Wind (G50)

Vernon County

Westby

13 1600CST 0 0 5K Thunderstorm Wind (G52)

60 mph wind gusts blew down several trees and power lines.

Crawford County

5 S Lynxville

15 2043CST 0 0 3.5K Thunderstorm Wind (G55)

Law enforcement officials reported trees downed by wind gusts estimated between 60 and 65 mph.



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